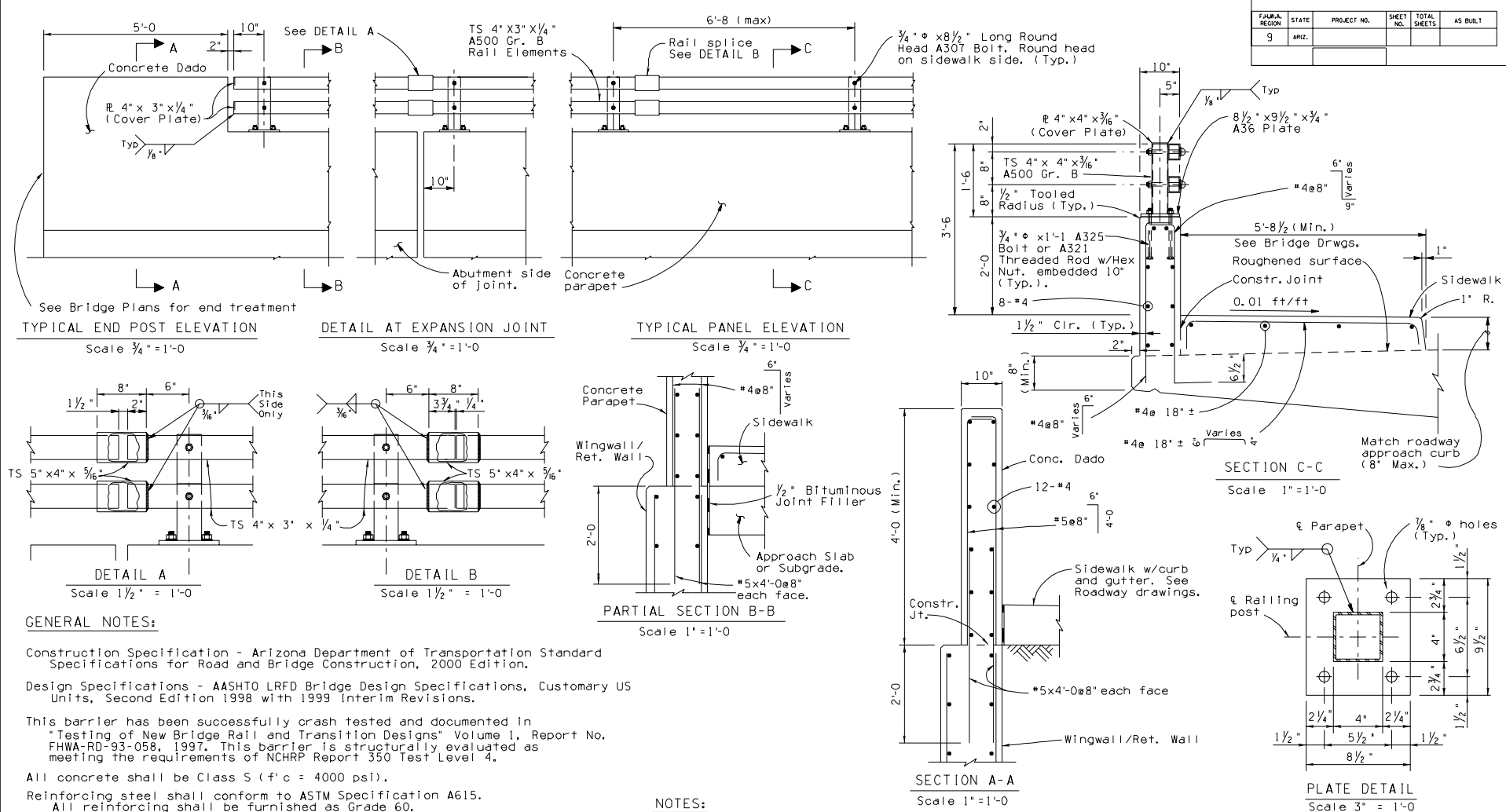


F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



GENERAL NOTES:

Construction Specification - Arizona Department of Transportation Standard Specifications for Road and Bridge Construction, 2000 Edition.

Design Specifications - AASHTO LRFD Bridge Design Specifications, Customary US Units, Second Edition 1998 with 1999 Interim Revisions.

This barrier has been successfully crash tested and documented in "Testing of New Bridge Rail and Transition Designs" Volume 1, Report No. FHWA-RD-93-058, 1997. This barrier is structurally evaluated as meeting the requirements of NCHRP Report 350 Test Level 4.

All concrete shall be Class S ($f'c = 4000$ psi).

Reinforcing steel shall conform to ASTM Specification A615.

All reinforcing shall be furnished as Grade 60.

All bends and hooks shall meet the requirements of AASHTO LRFD Bridge Design Specifications Article 5.10.2. All bar bend dimensions for reinforcing steel shall be out-to-out of bars. All placement dimensions for reinforcing steel shall be to center of bars unless noted otherwise.

Structural steel shall conform to ASTM Specification A36 unless noted otherwise.

Concrete parapets on continuous superstructures shall have $\frac{1}{2}"$ bituminous joint filler in open joints over piers, see bridge drawings for details.

Pay item includes all labor and materials for railing, parapet and dado.

Item No. 6011132 COMBINATION PEDESTRIAN-TRAFFIC BRIDGE RAILING
Measure: Linear foot

NOTES:

All structural steel rail assembly components shall be galvanized in accordance with ASTM A123.

All galvanizing that has been damaged in handling, transportation or welding shall be repaired by the application of a paste compound of an approved zinc powder and flux.

All exposed edges shall be ground smooth.

All post bolt heads shall be to the inside (sidewalk side).

All railing hardware shall be A36 unless noted otherwise.

For fence attachment details, see Structure Detail SD 1.05. (Lower rail tube is not required with fence.)

NOTE:

See Bridge Plans for rail layout, elevation, joint locations and rail end treatments.

DESIGN APPROVED <i>Shafiq H. Hatan</i>		ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION BRIDGE GROUP STRUCTURE DETAIL	
APPROVED FOR DISTRIBUTION <i>Michael Davis</i>		COMBINATION PEDESTRIAN-TRAFFIC BRIDGE RAILING	
ROUTE	LOCATION	DRAWING NO. SD 1.04	
TRACS NO.		___ OF ___	